

Date: Fri, 21 Oct 94 04:30:18 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: List
Subject: Info-Hams Digest V94 #1139
To: Info-Hams

Info-Hams Digest Fri, 21 Oct 94 Volume 94 : Issue 1139

Today's Topics:

 ARLD063 DX news
 FT757 are they any good?
 GB2RS News 23rd October 1994
 IPS Daily Report - 20 October 94
 Motorola Amateur Group????
 UPDATE: The Amateur Radio BBS
 Yaesu 5200 Mods- Still Looking

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 20 Oct 1994 18:23:21 EDT
From: w1aw@arrl.org
Subject: ARLD063 DX news

SB DX @ ARL \$ARLD063
ARLD063 DX news

ZCZC AE61
QST de W1AW
DX Bulletin 63 ARLD063
From ARRL Headquarters
Newington CT October 20, 1994
To all radio amateurs

SB DX ARL ARLD063
ARLD063 DX news

The items in this week's bulletin are courtesy of Marilyn, N6VAW, Jeff, KU8E, Tedd, KB8NW, the Ohio/Penn DX Bulletin, Bob, W5KNE, QRZ DX, Chod VP2ML, The DX Bulletin and the Contest Corral column from the pages of QST magazine. Thanks.

THE GAMBIA. The Whitton Amateur Radio Group of London plans a DXpedition to C5-land. Hopes are to operate on 13 amateur bands from 160 meters to 2.3 GHz. The Gambia is very rare on satellite and this may be the first Mode S operation from this DXCC country. Dates will be between October 23 and November 10. During the CQWW DX SSB weekend, listen for C56DX during the CQWW DX Contest. Other times they will sign C56/G0MRF. QSL via G0MRF.

BELAU/YAPP. OKDXA members Jim, WV5S, and Coy, N5OK, will sign KC6SS and KC6OK respectively from October 25 to November 2. From there it is on to Yapp in the Eastern Caroline Islands November 2 to 7, signing V63SH and V63OH. QSL via their home calls.

MADEIRA ISLANDS. Frank, DL8KWS, was signing DL8KWS/CT3 but now has the call CR9WAG. Another German op is active as DL3KUD/CT3. Both stations are very busy on CW and plan to be on the air through October 27. QSL via their home calls.

LUXEMBOURG. A group of Dutch operators will sign LX/PA3DKC on HF and LX/PA3CDI on 6 meters from October 26 to 30.

SEYCHELLES. Andres, EA4EGZ, will operate from Mahe Island October 21 to 28, with activity 40 through 10 meter CW.

PITCAIRN ISLAND. Listen for VR6MW and other VR6 stations around 0600z with a net on 7083 kHz SSB.

CAMBODIA. Europeans were working XU1MF on 18138 at 1515z on October 11. QSL via JA1JTU.

The following are planned operations for the upcoming CQWW DX SSB Contest.

NAMIBIA. Listen for N0AFW, WA0PUJ, N9NS, AH9B, NH6UT and V51GB from October 25 to November 6 as V51T. The Americans will sign V51/ their home calls before and after the contest period. QSL V51T and V51/ stations via WA2FIJ.

ANTIGUA. Members of the Frankford Radio Club, FRC, will be active as Team Antigua signing V26B. Non-contest calls will be V26A, V26B and V26E. QSL V26A via WB3DNA, V26B via WT3Q, and V26E via AB2E.

SAINT LUCIA. Members of the Southwest Ohio DX Association will be on as J6DX. Before and after the contest, from October 22 to November 5, members will be on all bands using a variety of call signs.

GUYANA. Marko, OH6DO, aka AB6NJ and VR2NJ, will be signing 8R1K. He is planning a serious Single Op/All Band effort. QSL via OH6DO CBA only.

BURUNDI. Paul, 9Q5EXV, and a few other 9Q5 ops plan to be active during the contest as 9U4U.

GUANTANAMO BAY. Jeff, WI2T, will man a Single Op effort, work schedule permitting, signing KG4JO. QSL via WI2T.

ANTIGUA. Ratko, YU1NR, will be active for 20 days starting October 26. He will participate in the contest as V28NR. QSL via YU1NR, Novakovic Ratko, PO Box 145, YU-34000 Kragujevac, Serbia.

BELGIUM. OT4T will be a multi/single effort from the QTH of ON4UN, famed author of Low Band DXing. Expect some big signals on the low bands.

REVILLAGIGEDO ISLANDS. XF4M will be an international team effort from Socorro Island. They will be on all bands, most modes, and as a bonus will operate through RS12. QSL via JH1AJT.

SAINT MARTIN. FJ5AB will be on as a multi-multi effort. Before and after the contest, operators N2HIG, K2MME, AA2SZ, N0IMH and F6GOX will operate signing FJ5/ their home calls.

CANADA, ZONE 2. VE2NRK by WJ20, and VE2TJA by WB2K, will operate single op, all band, high power in the contest. QSL via their home call signs.

ASCENSION. Jim, N6TJ, plans single band work on 20 meters as ZD8Z. QSL via VE3H0.

NEVIS ISLAND. V47NS by W9NSZ will also be a 20 meter single band entry.

CURACAO. Seppo, OH1VR, will be shooting for a record on 40 meters as PJ9U.

SINT MAARTEN. PJ8Z will be by KI4HN, KA9FOX and N0BSH. QSL via KA9FOX.

SOUTH COOK ISLANDS. Marilyn, N6VAW, and Rich, WB6UDS, will be

signing ZK1VAW and ZK1UDS respectively, October 24 to November 5 from Raratonga.

FRENCH POLYNESIA. Listen for FO/DJ1RL and FO/DL6NA between October 22 and 28.

THIS WEEKEND ON THE RADIO. The Texas QSO Party, sponsored by the Texas DX Society, runs from 1400z October 22 to 2200z October 23. In this phone and CW event, Texas stations will send their name and county. Other stateside stations exchange name and state, VE/DX stations exchange name only. Full details appear on page 126 of October QST.

NNNN

/EX

Date: 21 Oct 1994 07:47:10 GMT
From: simonb@zikzak.apana.org.au (Simon Brown)
Subject: FT757 are they any good?

I am interested in buying an FT757 HF rig. I would be interested if anyone has had any problems with this rig. As far as I know it is OK.

Thanks in advance

Simon

ps. You can email me simonb@zikzak.apana.org.au as not to fill up the newsgroup!!

--
Zikzak public access UNIX, Melbourne, Australia.

Date: Thu, 20 Oct 1994 18:24:03 +0000
From: dave@llondel.demon.co.uk (David Hough)
Subject: GB2RS News 23rd October 1994

Good morning. It's Sunday the 23rd of October and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

Now this week's headlines:-

Britain has experienced the best tropo conditions for years,

The RSGB has published its Annual Report,
and Reading has won NFD for the fourth year running.

During the week ending the 15th of October, a major tropo opening affected all bands from two metres up to the microwave bands. For much of the week the bands were open right across Europe. Signal levels were the strongest that many people can remember, and even UHF broadcast Television was seriously affected. The lift conditions covered much of the UK and extended into Central Europe and enabled many operators to experience really good propagation for the first time. At its peak many Novices and others were able to work into the Netherlands, Belgium and Germany with a watt or two.

The November edition of Radio Communication and the RSGB Annual Report was posted to all RSGB members at the beginning of last week. The Annual Report includes the notice of this years Annual Meeting as well as full details of the RSGB Council Election. Any member who has not received their Annual Report by the end of this week is asked to contact RSGB HQ for a replacement copy.

November's RadCom includes a full report on HF National Field Day. And the winner for the fourth year running is the Reading and District Amateur Radio Club. Restricted section winner was Gravesend Radio Society, and Echelford won the QRP section. A view of the Reading NFD station at sunset appears on the cover of this years RSGB Annual Report.

The 1995 RSGB President, Clive Trotman, GW4YKL, is to be installed at a reception and dinner during the evening of the 14th of January 1995 at Bridgend, Mid Glamorgan. Anyone requiring tickets should contact Fay Huxley at RSGB Headquarters.

The Jersey two metre repeater, GB3GJ, is now operational from a new site, after a long absence. The repeater is on channel R2. Further details and/or reports should go to the repeater keeper GJ0NSG, who is NOT QTHR, but can be reached via PO Box 704, Jersey JE4 8ZZ.

Two-metre repeater, GB3HS, operated by the East Yorkshire Repeater Group is now operational. The repeater is located north west of Hull and operates on channel R2. Further details and/or reports should go to the repeater keeper G7JZD via packet @ GB7HUL or to G6JFJ whose address is correct in the RSGB Call Book.

Another repeater operated by the East Yorkshire Repeater Group is GB3HA which is once more operational after a refurbishment. The repeater is located at north east of Hull and operates on channel RB6. Further

details and/or reports should go to the repeater keeper G4YTV, whose address is correct in the RSGB Call Book.

The Orkneys two-metre repeater, GB30C, operated by the Orkney and Caithness Repeater Group was returned to service last weekend after undergoing a complete overhaul. The repeater is located near Kirkwall and operates on channel R2. Further details and/or reports to be sent to the repeater keeper GM4TYU whose address is correct in the RSGB Call Book.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DY0.

From Macau, G3SXW and G3TXF will sign XX9TSX and XX9TXF respective from Taipa Island from now until Thursday the 27th of October. Activity will be on all bands, CW only. Check these frequencies:- 1.827, 3.507, 7.007, 10.107, 14.023, 18.073, 21.023 and 24.893MHz.

From St Martin, K1VSJ is active as PJ7/K1VSJ from now until Monday the 24th of October on all bands 40 to 10 metres.

And from Aruba, N4YKD will be active as either P40KD or P4/N4YKD from next Sunday the 30th, until Saturday the 5th of November.

Next the Rally News:

We know of no rallies for today, Sunday the 23rd, but the following Sunday, the 30th of October, there is the Hornsea Amateur Radio Club (East Yorkshire) Radio Rally. This is to be held at The Floral Hall, Hornsea, near Kingston upon Hull. Doors open at 11am, or from 10.30am for disabled visitors. The event features trade stands, a bring and buy stall and special interest groups which includes ATV. Refreshments will be available and talk-in will be on two metres, channel S22. Further details from Duncan, G3TLI on 0194 532588.

Now news of a Rally cancellation and change of contact details:

The Leeds and District Amateur Radio Society wishes to announce that due to circumstances beyond its control the Christmas Rally, scheduled for the 4th of December 1994 has had to be cancelled. Further details from G0IBU who is QTHR.

The Bishop Auckland Amateur Radio Club Radio Rally which is to be held on Sunday the 20th of November has a change of contact person, the new contact is Nick Dingle, G1XNI on 01388 488533.

Now for the HF contest news:

The CQ Worldwide DX SSB Contest takes place from 0001 on Saturday the 29th until 2359 on Sunday the 30th of October. This involves all bands 160 - 10 metres but excluding the WARC bands. See the October RadCom page 18 for further details.

The SWL Challenge takes place during the weekend of the CQ WW DX Contest. See October RadCom page 25 for full details.

The Worked All Britain LF CW Contest takes place next Sunday the 30th from 1400 to 1800 UTC on the 160, 80 and 40 metre bands. There are sections for Fixed, Portable, Mobile and SWL stations. Full details are available from Gordon, G4SKQ whose address is correct in the RSGB Call Book or via packet at GB7SYP.

Next some VHF contest news:

The next RSGB 432MHz Cumulative Contest is on Thursday, the 27th of October, from 2030 to 2300 local time. See the July edition of RadCom, page 82 for further details.

Another RSGB 10GHz Summer Cumulative Contest takes place from 0900 to 2100 UTC next Sunday the 30th. See April's RadCom for details.

The second RSGB 1.3GHz and 2.3GHz Fixed and Listeners Contest takes place next Sunday the 30th from 1700 to 2100 local time. See September's RadCom for details.

The fifth and final event of the RSGB 144MHz CW Cumulative Contest will take place from 2030 to 2300 local time, on Monday the 31st of October. General rules will apply. Use 4422 summary sheet to show scores for each day, and the best three days will be totalled. Please send all logs plus a single 427 cover sheet for entry. Rule 10 applies. There are two sections; the first for single operator or portable entries, and the other for listeners. The Adjudicator is David Johnson, G4DHF, 65 West Street, Bourne, Lincolnshire PE10 9PA.

And now the solar factual data:

The period from the 10th to the 16th of October saw a slight and very welcome rise in both the sunspot indices and solar flux. The geomagnetic field declined from unsettled to quiet levels. This resulted in a considerable improvement in the higher HF bands. The sunspot indices increased every day and peaked up to 98 on the 15th, the highest level since last July, giving a mean of 84 for the period. The solar flux increased slightly from 87 units on the 9th up to 93 units by the 15th, giving an average of 90 units for the period. On the 12th, two very small class B type flares took place which helped both the solar and x-ray flux levels to increase. The electron fluence has declined by two

orders of magnitude and is now about normal for this part of the cycle, the recent very high levels have seriously affected many satellites as well as the higher HF bands. The 90 day average of solar flux on the 16th was 79 units.

The geomagnetic field started the period at active levels, with the Ap index being up to 22 units on the 11th before declining to quiet levels of only 3 units by the 16th. The period averaged 13.7 units. The state has been nil nothing to report. The x-ray flux has remained high throughout the period, reaching B1.5 on the 14th, and averaging B1.2 for the period. This has resulted in considerable improvement on the higher HF bands with 21 MHz being open to North America from most of Europe, and 28 MHz being open to Africa most afternoons. The aa indices for the period from the 4th to the 10th of October, as supplied by the British Geological Survey declined from sub storm levels on the 5th of 58.5 nanoTeslas to just unsettled by the 9th of 18.7 nanoTeslas. The average for the period was 42.8 nanoTeslas, about K4.

I'll repeat the figures. Spots - 84; Flux - 90; Ap index - 13.7; X-ray flux - B1.2.

Now the ionospheric data for Central France.

With the seasonal changes now having an effect, the F2 daytime frequencies at Poitiers, as reported by Meudon, increased almost every day. The average was 7.0MHz, though the 14th was up to 8.3 MHz, the highest level since last July. The darkness hour lows averaged 2.5 MHz but were down to 1.9 MHz on the 12th. The highs are now taking place between 1200 and 1500 hours, with the darkness hour lows around 0500 hours.

I'll repeat the figures. Highs - 7.0MHz; Lows - 2.5MHz.

And lastly the solar forecast.

This week the quiet side of the sun should be looking our way. Solar flux levels are expected be in the mid 70s. The geomagnetic field is expected to be active due to the passage of a coronal hole today, then declining to just unsettled or quiet levels for the rest of the week. Ionospheric MUFs during daylight in the south are expected to reach 25MHz, with darkness hour MUFs being about 8 MHz. Some east/west openings could occur during the afternoon periods on the higher bands.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns allocated were in the G0 Victor

Juliet and G7 Tango Uniform series, and Novice calls in the 2 0 Alpha
Juliet and 2 1 Delta Lima series.

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GB2RS is prepared by the Radio Society of Great Britain
and is broadcast in the 80m, 40m, 6m and 2m bands.
Tel +44 1707 659015 Fax +44 1707 645105

Date: Fri, 21 Oct 1994 00:23:43 GMT
From: rwc@corona.syd.ips.oz.au (Regional Warning Centre)
Subject: IPS Daily Report - 20 October 94

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 20/2330Z OCTOBER 1994 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 20 OCTOBER AND FORECAST FOR 21 OCTOBER - 23 OCTOBER

1A. SOLAR SUMMARY

Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 90/34

GOES satellite data for 19 Oct

Daily Proton Fluence >1 MeV: 1.4E+06
Daily Proton Fluence >10 MeV: 3.1E+04
Daily Electron Fluence >2 MeV: 9.4E+06 (normal)
X-ray background: B1.2

Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST

	21 Oct	22 Oct	23 Oct
Activity	Low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 21 Oct: 90/34

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet to unsettled

Estimated Indices :	A	K	Observed A Index	19 Oct
Learmonth	7	3221 2221		
Fredericksburg	8		7	

Planetary

8

5

Observed Kp for 19 Oct: 2000 2233

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
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21 Oct	8	Quiet to unsettled
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22 Oct	16	Unsettled to active
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23 Oct	25	Active
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COMMENT: A shock is expected from yesterdays M3 flare at approximately 1700UT on the 22nd. Active conditions are then expected.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
20 Oct	normal	normal	normal

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
21 Oct	normal	normal	fair
22 Oct	normal	fair	poor
23 Oct	fair	poor	poor

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

Observed

DATE	T-index	MUFs at Sydney
20 Oct	32	near predicted monthly values

Predicted Monthly T-index for October: 20

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
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21 Oct	30	Near predicted monthly values
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22 Oct	25	Near predicted monthly values
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23 Oct	10	10 to 20% below predicted monthly values
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COMMENT: Degraded HF comms on 23rd due to expected flare induced geomagnetic activity.

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IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329	PO Box 5606
Recorded Message tel: +61 2 4148330	West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331	AUSTRALIA

Date: 21 Oct 1994 03:26:01 -0400
From: johnmx1@aol.com (JOHN MXL)
Subject: Motorola Amateur Group????

Hi Chris....

Saw your posting on Motorola's Birthday Party.

I am trying to find out if there is such a thing as a Motorola User Group
-- you know, hams who use Motorola gear, etc...

If you can shed light on this for me, I would very much appreciate it.
Thanks.

John
KD6MXL @ KM6PX.#NOCAL.CA.USA.NOAM
johnmx1@aol.com

Date: Fri, 21 Oct 1994 06:38:23 GMT
From: howard1@wb3ffv.wb3ffv.ampr.org (Howard D. Leadmon)
Subject: UPDATE: The Amateur Radio BBS

+-----+
HOW TO ACCESS THE WB3FFV AMATEUR RADIO TELEPHONE BBS !!!

I have placed a BBS system on-line that is mainly oriented towards the Amateur Community (but there are plenty of other wares on-line). Through user support I hope to keep the latest and greatest ham software on-line. The BBS also offers access to nearly all of the Internet (USENET) NetNews groups, plus access to Internet E-Mail. Below is the information that is needed in order to access the BBS via Telephone, Telnet, or FTP. Please pass it around to as many ham's as possible.

System Name: WB3FFV
User Login: bbs

410-661-2475 - 12/24/48/96/14.4/16.8/19.2/21.6/28.8
(V.32bis,V.32terbo,V.34,V.FC,HST,V.42bis)

410-661-2598 - 12/24/48/96/14.4/16.8/19.2/21.6/28.8
(V.32bis,V.32terbo,V.34,V.FC,HST,V.42bis)

410-661-2648 - 1200/2400/4800/9600/14400/23000

(MNP2-5, V.32bis, V.42bis, Turbo-PEP)

TELNET/FTP - wb3ffv1.sed.csc.com (20.2.1.80)

Data Settings: 8 Bits, NO Parity, 1 Stop Bit

Times: 24hrs/365days (except for routine maintenance)

Software: UniBoard UNIX BBS Software (Version 1.30b)

Misc. Info: Machine is an Pentium-90/MP running UNIX System V Release 4.2
and features more than 3 Gigabytes of on-line file storage.
Most transfer protocols are available!!

I attempt to keep the latest and greatest HAM software on-line, and encourage all to upload anything new that they come up with, as it is of benefit to all. Here is a sample of a couple pieces of software that is available for DOWNLOAD:

KA9Q TCP/IP Software for the PC (Latest OFFICIAL release + TEST Versions)

KA9Q TCP/IP for the Atari-ST, MAC, & Amiga

KA9Q TCP/IP for UNIX based systems

KA9Q TCP/IP (The NOS release) [UNIX, MS/DOS, Amiga]

KA9Q TCP/IP (Version by G1EMM, PE1CHL, PA0GRI, Etc.)

N2GTE Packet Message Switch [GTEPMS]

WA7MBL BBS for the PC

W0RLI BBS for the PC

MSYS BBS for the PC running KISS TNC's

AA4RE BBS for the PC (plus BETA versions)

F6FBB BBS for the PC

G8BPQ PC-Node (Version 4.06)

Various BBS utilities and enhancements

Several MORSE CODE Tutors

TheNet software by NORD<>LINK

Modifications for many HAM Rigs and Scanners

Digital Signal Processing software (DSP)

DX and contesting programs

If you are interested in using UUCP to connect to the BBS, this can also be done as I support Anon-uucp. The login to the system is 'uucpanon', and there is NO password. The listing of available archives are stored in a file called 'FILES', and it is located in the /var/spool/uucppublic. To retrieve the files listing just use the following command:

uucp wb3ffv!~/FILES /usr/spool/uucppublic (ASCII Text)

-or-

uucp wb3ffv!~/FILES.Z /usr/spool/uucppublic (16-Bit Compressed)

-or-

uucp wb3ffv!~/FILES.gz /usr/spool/uucppublic (GNU Gzipped)

This will move a copy of my files listing into your uucppublic directory.

If you want to access the BBS via Telnet all you have to do is TELNET to wb3ffv1.sed.csc.com, and login is 'bbs' with no password required. To use anonymous FTP just ftp to wb3ffv1.sed.csc.com and login as 'anonymous'. This system is currently attached to the Internet via a dialup SLIP link, and should generally be available 24hrs, but at times the modem will drop the line. Also since this isn't the fastest link, I will be limiting the maximum number of anonymous sessions for the moment.

If you have any questions or problems, feel free to contact me at one of the numbers/addresses below. Good Luck...

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Internet  : howardl@wb3ffv.ampr.org | Howard D. Leadmon
UUCP      : wb3ffv!howardl         | Advanced Business Solutions
PHONE     : (410)-661-0447         | 4107 Martin Avenue
FAX       : (410)-661-0644         | Baltimore, MD 21236
PACKET    : WB3FFV @ WB3FFV.MD.USA.NA |
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Date: Thu, 20 Oct 1994 19:11:48 +0000
From: Mike@g4kfk.demon.co.uk (Mike Gathergood)
Subject: Yaesu 5200 Mods- Still Looking
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Hi Bill,

> I posted this week looking for any mods for the Yaesu 5200 but have not
> heard from anyone... Is there a FAQ? Can someone send me a file?

What? Again? Well I did reply ... but seems you didn't get it...

The following article was extracted from FT5200.ARJ, available from The CQ Centre BBS (details below). Usual caveats apply:

**QUOTE

Here are a couple of modifications/options for the New Yaesu FT-5200 Dual Band 2M/440 Tranceiver.

To expand the RF coverage so you can take advantage of MARS/CAP or service uses follow the steps provided.

***** CAUTION * * Follow proper ESD procedures to prevent Electro-Static

Discharge damage to semi-conductor components! *****

- a. Remove Power.
- b. Release and remove the front control head from the radio.
- c. Remove the six screws from the top cove and the six screws from the bottom cover.
- d. Carefully remove the top and bottom covers (careful not to drop out the speaker).
- e. Remove the two screws and front control head mounting plate from the radio.
- f. Locate solder pads 1 - 7 (Standard jumpered pads are 2 and 7 only)
- g. Using a low wattage(30-40W) soldering iron and good electronic grade rosin core solder, Solder jump pads 1, 3, and 6. (Now pads 1, 2, 3, 6 and 7 are jumpered)
- h. Reinstall the front control panel mounting plate.
- i. Reassemble the radio.
- j. Connect Power.
- k. Press and HOLD [D/MR], [F/W] & [REV] keys and turn on the radio. (The display will show 000.000 and 300.000)
- l. Set the VHF transmit and receive limits as follows:

Enter 118.00 MHz and press [D/MR] (VHF Rx Low)
Enter 174.00 MHz and press [D/MR] (VHF Rx High)
Enter 140.00 MHz and Press [D/MR] (VHF Tx Low)
Enter 174.00 MHz and press [D/MR] (VHF Tx High)
- m. Set the UHF transmit and receive limits as follows:

Enter 420.00 MHz and press [D/MR] (UHF Rx Low)
Enter 475.00 MHz and press [D/MR] (UHF Rx High)
Enter 420.00 MHz and Press [D/MR] (UHF Tx Low)
Enter 475.00 MHz and press [D/MR] (UHF Tx High)
- n. Press [Function] then [REP] and select 5 MHz for UHF band Repeater offset.
- o. Press [Function] then [REP] and select 600 KHz for VHF band Repeater offset.

That completes the modification for extended RF coverage of the FT-5200.
NOTICE! A license from the applicable service is required to operate outside the normal ham bands (i.e. MARS or CAP).

--- Other items of interest for users of the FT-5200 ---

- Overriding the automatic display dimmer...

Press and HOLD [MHz] and turn on the radio, then use the channel knob

to select the desired brightness.

- For expanded Receive in the VHF band (no change in transmit coverage)

Press and HOLD [DVS] & [MHz] keys and turn on the radio.

I have made the previous modification to a unit and have not had any problems what so ever. I assume NO responsibility or liability for any damage or violation resulting from anyone else making these modifications or operating in a portion of a band for which the user is not properly licensed.

**UNQUOTE

73
Mike
G4KFK

* The CQ Centre BBS * 01753 595468 and 01753 593524 * Fidonet 2:252/320 *
* Hundreds of Megabytes of Quality Software for Radio Amateurs and SWLs *
* Tel 01753 582085 * Fax 01753 592726 * Internet mike@g4kfk.demon.co.uk *

Date: Mon, 17 Oct 1994 15:31:08 GMT
From: serafin@spdc.ti.com (Mike Serafin)

References<1994Oct14.041541.6006@ulb.tb.isc.rit.edu> <37subu\$35@crclis1.unl.edu>,
<Cxt1FJ.Kpo@news.Hawaii.Edu>
Subject: Re: Earth Ground

Jeffrey Herman (jeffrey@kahuna.tmc.edu) wrote:

: ObRadio: Any problem with using a length of iron re-bar for an
: earth ground? Or does everyone use expensive copper pipe? After I
: realized that there was a voltage potential between the house wiring's
: electrical ground and the cold water pipe outdoors I've decided to
: drive a grounding rod into the soil (seasoned with rocksalt!).

Only problem I can see with re-bar is that it will rust rather quickly once driven into the ground and that will probably affect greatly its ability to conduct to earth. Why not just get a real ground rod? I picked up a 5/8", 8ft copper rod for \$9 at the local Home Depot, YMMV.

Mike
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End of Info-Hams Digest V94 #1139
